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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Shuler et al.

Serial No.: 10/617,219

Filed: July 10, 2003

For: PEDESTRIAN ENERGY ABSORBER
FOR AUTOMOTIVE VEHICLES:
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Art Unit: 3612

Examiner: K. B. Patel

AMENDMENTCommissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

In response to the Office Action dated April 7, 2004, please amend the above-identified patent application as follows.

IN THE CLAIMS

1. (currently amended) An energy absorber adapted for attachment to a vehicle for absorbing forces generated from an impact, said energy absorber comprising a unitary structure comprising a molded mat of fiber reinforced resin material, said molded mat having a density of about 600 to about 3000 grams per square meter wherein density is determined by the weight of a square meter of said molded mat, said structure having a plurality of forwardly projecting crushable lobes adapted to crush upon impact.

2. (original) An energy absorber adapted for attachment to a vehicle for absorbing forces generated from an impact according to claim 1 wherein said energy absorber has an elongated shape and is adapted for mounting to the forward end of a vehicle for extending longitudinally across the width of the vehicle.